



FORM PTO-1449		Docket Number (Optional) 294G 1787-4		Application Number 10/028,231		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Colbert et al.				
(Use several sheets if necessary)		Filing Date 12/21/2001		Group Art Unit 288		
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION (YES/NO)
CR	JP H06-331309	12/2/1994	Japan			
CR	JP H06-252056	9/9/1994	Japan			
CR	JP H07-122198	5/12/1995	Japan			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
CR	"Imaging steep, high structures by scanning force microscopy with electron beam deposited tips" by David J. Keller, et al., pages 333-339 in the <i>Surface Science</i> magazine published by Elsevier Science Publishers B.V. in 1992 in Holland					
CR	"New Scanning tunneling microscopy tip for measuring surface topography" by Y. Akama, et al., pages 429-433 in <i>Vac. Sci. Technol. A 8</i> published by American Vacuum Society in 1990					
CR	"Atomic force microscopy using ZnO whisker tip" by H. Kado, et al., pages 3330-3332 in <i>Rev. Sci. Instrum 63</i> published by American Institute of Physics in 1992					
CR	"Helical microtubules of graphitic carbon" by Sumio Iijima, pages 56-58 in the <i>Nature</i> magazine Vo. 354 published in 1991					
CR	"Single-shell carbon nanotubes of 1-nm diameter" by Sumio Iijima et al., pages 603-605 in the <i>Nature</i> magazine Vo. 363 published in 1993					
CR	"Aligned Carbon Nanotube Arrays Formed by Cutting a Polymer Resin-Nanotube Composite" by P.M Ajaya, et al., pages 1212-1214 in the <i>SCIENCE</i> magazine Vo. 265 published in 1994					
CR	"Aligned Carbon Nanotube Films: Production and Optical and Electronic Properties" by Walt A. de Heer, et al., pages 845-847 in the <i>SCIENCE</i> magazine Vo. 268 published in 1995					
EXAMINER <i>Allison Jho</i>		DATE CONSIDERED 6 - 24 - 05				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						



PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/028,231
				Filing Date	December 21, 2001
				First Named Inventor	Colbert, et al.
				Art Unit	2881
				Examiner Name	Unknown
Sheet	1	of	2	Attorney Docket Number	
11321-P011C1D1					

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	<i>Miller, plus</i>	Date Considered	G-24-05
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/028,231
				Filing Date	December 21, 2001
				First Named Inventor	Colbert, et al.
				Group Art Unit	2881
				Examiner Name	Unknown
(use as many sheets as necessary)				Attorney Docket Number	11321-P011C1D1
Sheet	2	of	2		

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<i>PF</i>		Ajayan, et al., "Opening carbon nanotubes with oxygen and implications for filling", Nature, Vol. 362 (April 8, 1993), pp.522-525	
<i>PF</i>		Canadian Search Report dated October 11, 2002 for Canadian Application No. 2,283,502	

Examiner Signature 9/16/05 & phyt Date Considered 6-24-05

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